

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

Complete if Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 8

Application Number	10/568,793-Conf. #6416
Filing Date	May 27, 2008
First Named Inventor	Donald E. Cook
Art Unit	2612
Examiner Name	Not Yet Assigned
Attorney Docket Number	030048095US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-2,656,525	10-20-1953	Kinsella	
		US-2,699,537	01-11-1955	Sederstrom	
		US-2,755,456	07-17-1956	Bursack	
		US-2,970,475	02-07-1961	Werner	
		US-3,000,213	09-19-1961	Eves et al.	
		US-3,057,198	10-09-1962	Crouchman	
		US-3,167,960	02-02-1965	Miesiak	
		US-3,201,990	08-24-1965	Wald	
		US-3,229,271	01-11-1966	Frant	
		US-3,236,093	02-22-1966	Werner	
		US-3,276,254	10-04-1966	Richard	
		US-3,284,003	11-08-1966	Ciemochowski	
		US-3,287,974	11-29-1966	Ciemochowski	
		US-3,422,677	01-21-1969	Lockwood	
		US-3,517,900	06-30-1970	Roussel	
		US-3,596,264	07-27-1971	Ciemochowski	
		US-3,798,971	03-26-1974	Lowrance	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code-Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
		DE-3506317-C1	02-27-1986	Apparatebau Gauting GmbH		
		GB-2158939	11-20-1985	Plessey Co Plc		
		GB-2329016	03-10-1999	Sextant Avionique		
		GB-674750	07-02-1952	Nat Res Dev		✓
		GB-2283315	05-03-1995	Penny & Giles Avionic Systems		
		WO-2004110865	12-23-2004	Aerospace Composite Tech et al.		

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the reference are not cited under 37 CFR 1.56(a)(2)(ii) because they have been filed after June 30, 2003 or is not citable by the examiner. *Applicant's unique citation designation number (if applicable). ²Kind Code of USPTO Patent Documents at www.uspto.gov or MPEP 961.04. ³Patent Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
				Application Number	10/568,793-Conf. #6416
				Filing Date	May 27, 2008
				First Named Inventor	Donald E. Cook
				Art Unit	2612
				Examiner Name	Not Yet Assigned
Sheet	2	of	8	Attorney Docket Number	030048095US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	US-3,917,193	11-04-1975	Runnels, Jr.		
	US-3,933,327	01-20-1976	Cook et al.		
	US-3,940,622	02-24-1976	Stallabrass et al.		
	US-3,976,270	08-24-1976	Catchpole et al.		
	US-4,032,090	06-28-1977	Thornton-Trump		
	US-4,036,457	07-19-1977	Volkner et al.		
	US-4,152,938	05-08-1979	Danninger		
	US-4,210,021-A1	07-01-1980	Vykhodtsev et al.		
	US-4,222,044	09-09-1980	Boschung et al.		
	US-4,333,004	06-01-1982	Forgue et al.		
	US-4,393,692	07-19-1983	Clark et al.		
	US-4,403,872	09-13-1983	DeLeo		
	US-4,482,114	11-13-1984	Gupta et al.		
	US-4,503,707	03-12-1985	Rosa et al.		
	US-4,508,295	04-02-1985	Cattaneo et al.		
	US-4,579,462	04-01-1986	Rall et al.		
	US-4,611,492	09-16-1986	Koosmann		
	US-4,674,714	06-23-1987	Cole et al.		
	US-4,688,745	08-25-1987	Rosenthal Herman A.		

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code-Number-Kind Code ² (if known)			
	WO-2005020175		03-03-2005	Boeing Co et al.	
	WO-8101331		05-14-1981	Rosemount Inc.	
	WO-0142751		06-14-2001	Rosemount Inc.	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(ii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

Complete If Known**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

3

of

Application Number	10/568,793-Conf. #6416
Filing Date	May 27, 2008
First Named Inventor	Donald E. Cook
Art Unit	2612
Examiner Name	Not Yet Assigned
Attorney Docket Number	030048095US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code, ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-4,733,834	03-29-1988	Phillips, II	
		US-4,738,416	04-19-1988	Birbragher	
		US-4,743,740	05-10-1988	Adee	
		US-4,752,049	06-21-1988	Cole	
		US-4,808,009	02-28-1989	Sittler et al.	
		US-4,850,093	07-25-1989	Parente	
		US-4,890,494	01-02-1990	Osbond et al.	
		US-4,907,449	03-13-1990	Call et al.	
		US-4,908,599	03-13-1990	Breen et al.	
		US-4,980,673	12-25-1990	Kleven	
		US-5,003,295	03-26-1991	Kleven	
		US-5,011,098	04-30-1991	McLaren et al.	
		US-5,043,558	08-27-1991	Byles	
		US-5,088,277	02-18-1992	Schulze	
		US-5,114,100	05-19-1992	Rudolph et al.	
		US-5,140,135	08-18-1992	Freeman	
		US-5,243,185	09-07-1993	Blackwood	
		US-5,257,498	11-02-1993	Nikkanen et al.	
		US-5,313,202	05-17-1994	Hansman, Jr. et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶

Examiner Signature	Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.96(a)(2)(ii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete If Known	
				Application Number	10/568,793-Conf. #6416
				Filing Date	May 27, 2008
				First Named Inventor	Donald E. Cook
				Art Unit	2612
				Examiner Name	Not Yet Assigned
Sheet	4	of	8	Attorney Docket Number	030048095US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,354,015	10-11-1994	Meador	
		US-5,365,731	11-22-1994	Nikkanen et al.	
		US-5,398,547	03-21-1995	Gerardi et al.	
		US-5,400,984	03-28-1995	Arnold et al.	
		US-5,484,121	01-16-1996	Padawer et al.	
		US-5,488,375	01-30-1996	Michie	
		US-5,551,268	09-03-1996	Geraldi et al.	
		US-5,575,440	11-19-1996	LeBlond et al.	
		US-5,616,861	04-01-1997	Hagen	
		US-5,619,144	04-08-1997	Stormborn et al.	
		US-5,628,565	05-13-1997	Hagen et al.	
		US-5,644,080	07-01-1997	Stormborn et al.	
		US-5,650,610	07-22-1997	Gagnon et al.	
		US-5,653,538	08-05-1997	Phillips	
		US-5,748,091	05-05-1998	Kim	
		US-5,752,674	05-19-1998	Mears et al.	
		US-5,777,481	07-07-1998	Vivekanandan	
		US-5,841,079	11-24-1998	PARENTE	
		US-5,874,672	02-23-1999	Gerardi et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear

Examiner Signature	Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(ii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
				Application Number	10/568,793-Conf. #6416
				Filing Date	May 27, 2008
				First Named Inventor	Donald E. Cook
				Art Unit	2612
				Examiner Name	Not Yet Assigned
Sheet	5	of	8	Attorney Docket Number	030048095US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-5,934,617	08-10-1999	Rutherford	
		US-5,965,814	10-12-1999	French et al.	
		US-6,049,282	04-11-2000	Mackenzie et al.	
		US-6,070,475	06-06-2000	Muehlhauser et al.	
		US-6,194,685	02-27-2001	Rutherford	
		US-6,237,874	05-29-2001	Rutherford et al.	
		US-6,247,669	06-19-2001	Rauckhorst, III et al.	
		US-6,250,149	06-26-2001	Black	
		US-6,250,801	06-26-2001	Bernard et al.	
		US-6,269,320	07-31-2001	Otto	
		US-6,304,194	10-16-2001	McKillip	
		US-6,320,511	11-20-2001	Cronin et al.	
		US-6,328,467	12-11-2001	Keyhani	
		US-6,347,767	02-19-2002	Holmen et al.	
		US-6,370,450	04-09-2002	Kromer et al.	
		US-6,371,411	04-16-2002	Breet et al.	
		US-6,430,996	08-13-2002	Anderson et al.	
		US-6,434,504	08-13-2002	Eryurek et al.	
		US-6,438,502	08-20-2002	Awtrey et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² -Number ³ -Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶

Examiner Signature	Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(ii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO				Complete if Known	
				Application Number	10/568,793-Conf. #6416
				Filing Date	May 27, 2008
				First Named Inventor	Donald E. Cook
				Art Unit	2612
				Examiner Name	Not Yet Assigned
Sheet	6	of	8	Attorney Docket Number	030048095US

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (* if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-6,449,574	09-10-2002	Eryurek et al.	
		US-6,457,676-A1	10-01-2002	Breet et al.	
		US-6,490,876-A1	12-10-2002	Derryberry et al.	
		US-6,519,546	02-11-2003	Eryurek et al.	
		US-6,581,391-A1	06-24-2003	Horey et al.	
		US-6,609,825-A1	08-26-2003	Ice et al.	
		US-6,631,638	10-14-2003	James et al.	
		US-6,688,558-A1	02-10-2004	Breet et al.	
		US-6,809,648	10-26-2004	Fleming	
		US-6,813,020-A1	11-02-2004	Roques et al.	
		US-6,827,485-A1	12-07-2004	Isebrand	
		US-6,868,721-A1	03-22-2005	Szilder et al.	
		US-6,905,242-A1	06-14-2005	Heuer et al.	
		US-7,014,357-A1	03-21-2006	Severson	
		US-7,014,359-A1	03-21-2006	Suga et al.	
		US-7,056,013-A1	06-06-2006	Anderson et al.	
		US-7,150,560	12-19-2006	Hanson et al.	
		US-7,174,782	02-13-2007	Ice	
		US-20040206854-A1	10-21-2004	Shah et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² , Number-Kind Code ³ (* if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear

Examiner Signature	Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(ii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO		<i>Complete If Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT			
(Use as many sheets as necessary)			
Sheet	7	of	8
		Attorney Docket Number	030048095US

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature	Date Considered	
-----------------------	--------------------	--

'EXAMINEE: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and note considered. Include copy of this form with next communication to applicant. **CITE NO.:** Those section(s) which are marked with an asterisk (*) apply to the Cite No. section(s) of the (under 37 CFR 1.96(a)(2)(ii)) becomes the section(s) of the (under 37 CFR 1.96(a)(2)(i)). **Applicant:** Initial if reference is made to U.S.P.T.O. Patent Document numbers or serial numbers or MPEP 901.04. **Entered:** The date of the document by the two-letter code (WIPO Standard ST.3). **For Japanese patent documents:** the indication of the year of the reign of the Emperor that issued the patent document. **Serial Number:** The serial number of the patent document. **Kind:** Kind of document by the appropriate symbols as indicated on the year under WIPO Standard ST.15 if possible. **Applicant:** Is to place a check mark here if English language Translation is attached.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

8

8

Complete if Known

Application Number	10/568,793-Conf. #6416
Filing Date	May 27, 2008
First Named Inventor	Donald E. Cook
Art Unit	2612
Examiner Name	Not Yet Assigned
Attorney Docket Number	030048095US

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"Aerospace Information Report SAE AIR 4367," Issue 1995-04, Society of Automotive Engineers Inc.	
		"Aerospace Standard SAE As 8181," Issue 1997-08, Society of Automotive Engineers Inc.	
		"AIAA-2001-0398 Certification and Integration Aspects of a Primary Ice Detection System," 39th Aerospace Sciences Meeting and Exhibit, 8-11 January 2001.	
		"In Flight Icing," RAP Annual Scientific Report 2003, www.wrap.ucar.edu, Feb 6, 2004, pg 1-11 <http://www.wrap.ucar.edu/>	
A		Chinese Office Action for Patent Application No. 03826928.7; Applicant: Boeing Co.; Date of Mailing: 05/16/2008 (6 pages).	
		Elliot AVIATION, "New System Warns King Air Pilots of Inflight Icing," Wavelink News Magazine, Wavelink Articles, 2 pages, www.elliottaviation.com/wavelink/1998q2/wavart03A.asp [accessed 11/20/2002] <http://www.elliottaviation.com/wavelink/1998q2/wavart03A.asp>	
		European Office Action for Patent Application No. 03810875.9; Applicant: Boeing Co.; Date of Mailing: 7/28/2008 (3 pages).	
		Goodrich Corporation, Sensor Systems, Model 101 and 102, Total Temperature Sensors, Measuring Total Temperature, www.aerospace.goodrich.com, 8 pages, Burnsville, MN, USA	
		Goodrich Corporation, Sensor Systems, Model 102LJ2AG, Total Temperature Sensor, www.aerospace.goodrich.com, 2 pages, Burnsville, MN, USA	
		Goodrich Corporation, Sensor Systems, Total Temperature Sensors, Technical Report 5755, www.aerospace.goodrich.com, 32 pages, Burnsville, MN, USA	
		KIM, J.J., "Heat Transfer Model of a Jet Pump Cowl Anti-Ice System", 1996 World Aviation Congress, SAE International and American Institute of Aeronautics and Astronautics, Los Angeles, California, Oct. 21-24, 1996, pp. 1-15.	
		Noca, F. et al., "Aircraft Mounted Cloud Water Content Probe," New Technology Report, Center for Space Microelectronics Technology, Jet Propulsion Laboratory, 13 pages, Pasadena, California.	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.